



PATENT

Attorney Docket No. 100-24200 [P05758]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
APPLICATION FOR UNITED STATES PATENT

In re Patent Application of ) Group Art Unit: 2816  
Alexander Burinskiy et al. ) Examiner: Nguyen, Long T.  
Appln. No. 10/776,834 ) POWER OF ATTORNEY BY ASSIGNEE AND  
Filed: February 11, 2004 ) ESTABLISHMENT OF RIGHT OF ASSIGNEE  
For: LEVEL SHIFTER THAT PROVIDES ) TO PROSECUTE UNDER 37 C.F.R. §3.73(b)  
HIGH-SPEED OPERATION BETWEEN )  
POWER DOMAINS THAT HAVE A )  
LARGE VOLTAGE DIFFERENCE )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

NATIONAL SEMICONDUCTOR CORPORATION, assignee of the entire right, title and interest in the above-identified application by assignment dated February 10, 2004, **which assignment is recorded in the U.S. Patent and Trademark Office at Reel 014982, Frame 0825**, hereby appoints the Law Offices of Mark C. Pickering, a firm composed of: Mark C. Pickering (36,239); and the following members of the National Semiconductor Corporation Intellectual Property Department: Christopher J. Byrne (32,204); Eugene C. Conser (39,149); John Maxin (34,668); Coleman F. Reif (38,593); Allen R. Tremain (40,207); Andrew S. Viger (28,552); and Peter Y. Wang (40,452) as our attorney(s) or agent(s) to prosecute the above-identified application, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

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The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

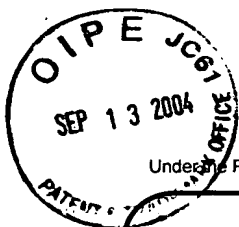
Dated: 8/31/04

By: 

Name: Christopher J. Byrne

Title: Director of Intellectual Property and Technology  
Licensing

NATIONAL SEMICONDUCTOR CORPORATION



PTO/SB/21 (08-03)

Approved for use through 07/31/06. OMB 0651-0031

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**TRANSMITTAL  
FORM***(to be used for all correspondence after initial filing)*

|   |                             |                               |                    |
|---|-----------------------------|-------------------------------|--------------------|
| <b>Application Number</b>                       | 10/776,834                  |                               |                    |
|   | <b>Filing Date</b>          | February 11, 2004             |                    |
|   | <b>First Named Inventor</b> | Alexander Burinskiy et al.    |                    |
|   | <b>Group Art Unit</b>       | 2816                          |                    |
|   | <b>Examiner Name</b>        | Nguyen, Long T.               |                    |
| <b>Total Number of Pages in This Submission</b> | 2                           | <b>Attorney Docket Number</b> | 100-24200 (P05758) |

**ENCLOSURES (check all that apply)**

|  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> After Final (Response)<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney By Assignee and Establishment of Right of Assignee to Prosecute Under 37 CFR §3.73(b)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><b>Return Receipt Postcard<br/>Certificate of Mailing</b> |
| <b>Remarks</b>   |  |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                                |                                    |
|--------------------------------|------------------------------------|
| <b>Firm or Individual name</b> | Mark C. Pickering, Reg. No. 36,239 |
| <b>Signature</b>               |                                    |
| <b>Date</b>                    | September 8, 2004                  |

**CERTIFICATE OF MAILING**

|  |               |             |                   |
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| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: September 8, 2004 |               |             |                   |
| <b>Typed or printed name</b>   | Robin L. King |             |                   |
| <b>Signature</b>   |               | <b>Date</b> | September 8, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.